

N312 *Beef Waste Management System*

Purpose

Manage waste from agricultural production in a manner that prevents or minimizes degradation of soil and water resources. Such systems are planned to preclude discharge of pollutants to surface or ground water and to recycle waste through correct soil application to agricultural land.

Applicability

Practice applies:

1. Wastes generated may pose a threat to land and water resources.
2. Soil, water, and plant resources are adequate to properly manage the waste.

Erosion Requirements

Practice has no erosion requirements.

Specifications

The completed practice must meet the NRCS Standards and Specifications for Waste Storage Facility (313), Critical Area Planting (342), and Roof Runoff Structure (558) contained in the Field Office Technical Guide.

Policies

1. The intent of this practice is to store animal waste. Therefore, a signed "N312 Operation and Maintenance Statement" (which can be found in the Appendix) must be completed prior to the contract's board approval. Only contracts for lagoons are exempt from the form requirement.
2. ***Cost-share is authorized for:***
 - a. 75% cost-share for:
 - 1) Floor space utilized to store dry waste from paved feedlot.
 - 2) Roof to cover dry storage area.
 - 3) Wall necessary to enclose dry storage area.
 - 4) Collection gutter or basin from feedlot to storage area.
 - b. 50% cost-share for:
 - 1) Winter feeding stations (area of floor that is utilized to collect waste in feeding and travel areas).
3. ***Cost-share is not authorized for:***
 - a. Permitted animal waste systems, under the conditions listed in section V, subsection J.
 - b. Floor area above the minimum and necessary for dry waste storage.
 - c. Roof area above the minimum and necessary floor needed for dry waste storage.

- d. Side walls or doors above minimum and necessary for dry waste storage.
- e. Isolated structures not considered a component of a waste management system.
- f. Bedding and bunk feeding areas, including roof.
- g. Costs incurred to develop or implement a comprehensive nutrient management plan.
- h. Mobile agitation, pumping, and related equipment.

Maximum State Cost-Share

1. Assistance is limited to 75% of the county average cost, not to exceed the state average cost.
2. Not to exceed \$25,000 per cooperator.

Map Requirements

A map that displays the completed practice must be scanned and attached as a "Map Document" in MoSWIMS prior to contract payment submission.

Technical Responsibilities

Technical staff has the responsibility for determining the need for the practice, for design of the practice based upon the minimum extent necessary, and to certify that the completed practice meets NRCS standards and specifications within commission policy.

Acres Served

Acreage is equal to zero.

Extent Installed

Animal Units.

Maintenance Life

10 years.

N312 *Dairy Waste Management System*

Purpose

Manage waste from agricultural production in a manner that prevents or minimizes degradation of soil and water resources. Such systems are planned to preclude discharge of pollutants to surface or ground water and to recycle waste through correct soil application to agricultural land.

Applicability

1. Wastes generated may pose a threat to land and water resources.
2. Soil, water, and plant resources are adequate to properly manage the waste.

Erosion Requirements

Practice has no erosion requirements.

Specifications

The completed practice must meet the NRCS Standards and Specifications for Waste Storage Facility (313), Critical Area Planting (342), Waste Treatment Lagoon (359), Pumping Plant (533), and Roof Runoff Structure (558) contained in the Field Office Technical Guide.

Policies

1. The intent of this practice is to store animal waste. Therefore, a signed "N312 Operation and Maintenance Statement" (which can be found in the Appendix) must be completed prior to contract board approval. Contracts for lagoons only are exempt from the form requirement.
2. ***Cost-share is authorized for:***
 - a. 75% cost-share for:
 - 1) Flush tanks.
 - 2) Conveyance of waste to treatment area (such as reception tank, gutter or storage tank).
 - 3) Waste storage tank and/or pond.
 - 4) Solids separator.
 - 5) Solids storage area, including roof.
 - b. 50% cost-share for:
 - 1) Area of the floor utilized for collection of waste in feeding and travel areas.
 - 2) Roof and gutter covering travel areas.
3. ***Cost-share is not authorized for:***
 - a. Permitted animal waste systems, under the conditions listed in section V, subsection J.
 - b. Bedding and bunk feeding areas, including roof.

- c. Any components of the animal waste system above the minimum and necessary for the number of animal units at the time of the contract.
- d. Irrigation systems, spreading equipment, and other components required for field application.
- e. Costs incurred to develop or implement a comprehensive nutrient management plan.
- f. Mobile agitation, pumping, and related equipment.

Maximum State Cost-Share

1. Assistance is limited to 75% of the county average cost, not to exceed the state average cost.
2. Not to exceed \$50,000 per cooperator.

Map Requirements

A map that displays the completed practice must be scanned and attached as a "Map Document" in MoSWIMS prior to contract payment submission.

Technical Responsibilities

Technical staff has the responsibility for determining the need for the practice, for design of the practice based upon the minimum extent necessary, and to certify that the completed practice meets NRCS standards and specifications within commission policy.

Acres Served

Acreage is equal to zero.

Extent Installed

Animal Units.

Maintenance Life

10 years.

N312 *Poultry Waste Management System*

Purpose

Manage waste from agricultural production in a manner that prevents or minimizes degradation of soil and water resources. Such systems are planned to preclude discharge of pollutants to surface or ground water and to recycle waste through correct soil application to agricultural land.

Applicability

Practice applies where:

1. Wastes generated may pose a threat to land and water resources.
2. Soil, water, and plant resources are adequate to properly manage the waste.

Erosion Requirements

Practice has no erosion requirements.

Specifications

The completed practice must meet the NRCS Standards and Specifications for Waste Storage Facility (313), Animal Mortality Facility (316), Critical Area Planting (342), and Roof Runoff Structure (558) contained in the Field Office Technical Guide.

Policies

1. The intent of this practice is to store animal waste. Therefore, a signed "N312 Operation and Maintenance Statement" (which can be found in the Appendix) must be completed prior to the contract's board approval. Only contracts for lagoons are exempt from the form requirement.
2. ***Cost-share is authorized for:***
 - a. 75% cost-share for:
 - 1) Floor space utilized to store dry waste.
 - 2) Roof to cover dry storage area.
 - 3) Wall necessary to enclose dry storage area.
 - 4) Loading ramp.
3. ***Cost-share is not authorized for:***
 - a. Permitted animal waste systems, under the conditions listed in section V, subsection J.
 - b. Floor area utilized for anything other than dry waste storage, based on current animal units.
 - c. Roof area other than minimum and necessary for dry waste storage.
 - d. Side walls or doors above minimum and necessary for dry waste storage.
 - e. Clean bedding storage (such as sawdust, wood chips, etc.).

- f. Waste facility or “high-rise” house for layers.
- g. Costs incurred to develop or implement a comprehensive nutrient management plan.
- h. Mobile agitation, pumping, and related equipment.

Maximum State Cost-Share

1. Assistance is limited to 75% of the county average cost, not to exceed the state average cost.
2. Not to exceed \$25,000 per cooperator.

Map Requirements

A map that displays the completed practice must be scanned and attached as a “Map Document” in MoSWIMS prior to contract payment submission.

Technical Responsibilities

Technical staff has the responsibility for determining the need for the practice, for design of the practice based upon the minimum extent necessary, and to certify that the completed practice meets NRCS standards and specifications within commission policy.

Acres Served

Acreage is equal to zero.

Extent Installed

Animal Units.

Maintenance Life

10 years.

N312 Swine Waste Management System

Purpose

Manage waste from agricultural production in a manner that prevents or minimizes degradation of soil and water resources. Such systems are planned to preclude discharge of pollutants to surface or ground water and to recycle waste through correct soil application to agricultural land.

Applicability

Practice applies where:

1. Wastes generated may pose a threat to land and water resources.
2. Soil, water, and plant resources are adequate to properly manage the waste.

Erosion Requirements

Practice has no erosion requirements.

Specifications

The completed practice must meet the NRCS Standards and Specifications for Waste Storage Facility (313), Waste Treatment Lagoon (359), Critical Area Planting (342), Pumping Plant (533), and Roof Runoff Structure (558) contained in the Field Office Technical Guide.

Policies

1. The intent of this practice is to store animal waste. Therefore, a signed "N312 Operation and Maintenance Statement" must be completed prior to the contract's board approval. Only contracts for lagoons are exempt from this requirement.
2. ***Cost-share is authorized for:***
 - a. 75% cost-share for:
 - 1) Flush tanks.
 - 2) Conveyance of waste to treatment area (such as reception tank, gutter, or storage tank).
 - 3) Solids separator.
 - 4) Solids separation basin.
 - 5) Solids storage area, including roof.
 - 6) Waste storage pond and/or lagoon.
 - 7) Pit storage and underground collection associated with farrowing, growing, gestation, feeding, finishing, or nursery buildings.
3. ***Cost-share is not authorized for:***
 - a. Permitted animal waste systems, under the conditions listed in section V, subsection J.

- b. System elements utilized for anything other than treatment, storage, and collection of animal waste.
- c. Any components of the animal waste system above the minimum and necessary for the number of animal units at the time of application.
- d. Irrigation systems, spreading equipment, or field application components.
- e. Slatted floors.
- f. Costs incurred to develop or implement a comprehensive nutrient management plan.
- g. Mobile agitation, pumping, and related equipment.

Maximum State Cost-Share

1. Assistance is limited to 75% of the county average cost, not to exceed the state average cost.
2. Not to exceed \$50,000 per cooperator.

Map Requirements

A map that displays the completed practice must be scanned and attached as a "Map Document" in MoSWIMS prior to contract payment submission.

Technical Responsibilities

Technical staff has the responsibility for determining the need for the practice, for design of the practice based upon the minimum extent necessary, and to certify that the completed practice meets NRCS standards and specifications within commission policy.

Acres Served

Acreage is equal to zero.

Extent Installed

Animal Units.

Maintenance Life

10 years.